

What is claimed is:

1. An apparatus for reserve-recoding a broadcast program of a television, wherein a broadcast program desired to be recorded by a user is reserve-recorded on the basis of a color code having broadcast program information.
2. The apparatus of claim 1, wherein reserve-recording information of the user-desired broadcast program is read from EPG (Electronic Program Guide) data corresponding to the color code and the read reserve-recording information is recorded on a reserve-recording list of the television.
3. The apparatus of claim 2, wherein the read reserve-recording information is recorded on the reserve-recording list, and a reserve-recording completion message and the reserve-recording list are displayed on a screen.
4. The apparatus of claim 1 comprising:
  - a means for photographing a color code or a gray code having the broadcast program information;
  - 20 a means for storing the EPG (Electronic Program Guide) data; and
  - a means for receiving EPG data corresponding to the value of the photographed color code or gray code from the EPG data storing means, parsing the user-desired reserve-recording information from the received EPG data; and
  - recording the parsed reserve-recording information on the reserve-recording list.

5. The apparatus of claim 4 further comprising:

a means for outputting a message relate to the reserve-recording information of the broadcast program on a screen.

5 6. The apparatus of claim 4, wherein the reserve-recording information of the broadcast program is a broadcast date and a broadcast time of the broadcast program.

7. A method for reserve-recording a broadcast program of a television comprising:

reserve-recording a user-desired broadcast program on the basis of a color code or a gray code having broadcast program information.

8. The method of claim 7, wherein the step of reserve-recording a user-desired broadcast program comprises:

reading reserve-recording information of the user-desired broadcast program from EPG (Electronic Program Guide) data corresponding to the color code or the gray code; and

recording the read reserve-recording information on a reserve-recording list of the television.

9. The method of claim 8, wherein the step of reserve-recording a user-desired broadcast program further comprises:

recording the read reserve-recording information on the reserve-recording list, and then displaying a reserve-recording completion message and the reserve-

recording list on a screen.

10. The method of claim 7, wherein the step of reserve-recording a user-desired broadcast program comprises:

5 photographing a color code or a gray code having the broadcast program information;

previously storing the EPG data;  
receiving EPG data corresponding to a value of the photographed color code or gray code from a means which previously stores the EPG data;

10 parsing reserve-recording information of the user-desired broadcast program from the received EPG data; and

recording the parsed reserve-recording information on the reserve-recording list.

15 11. The method of claim 10 further comprising:

displaying a message related to the reserve-recording information on a screen.

12. The method of claim 10, wherein the reserve-recording information of the broadcast program is a broadcast date and a broadcast time of the broadcast program.

13. An apparatus for reserve-recoding a TV broadcast program, comprising:

25 a camera for photographing a color code having broadcast program

information;

an EPG (Electronic Program Guide) database for previously storing EPG data;

5 a cable modem for receiving EPG data corresponding to the photographed color code from the EPG database;

a decoding unit for receiving reserve-recording information of a broadcast program desired to be recorded by a user from the EPG data received from the EPG database through the cable modem, and recording the read reserve-recording information on a reserve-recording list; and

10 a user interface for outputting a message related to the reserve-recording information of the broadcast program and the reserve-recording list through an on-screen display on a screen.

14. The apparatus of claim 13, wherein the reserve-recording information of the broadcast program is a broadcast date and a broadcast time of the broadcast program.

15. The apparatus of claim 13, wherein the decoding unit generates an address indicating EPG data corresponding to the color code photographed by the camera through an external interface, and the cable modem reads EPG data corresponding to the generated address from the EPG database and transmits the read EPG data to the decoding unit, and then, the decoding unit parses reserve-recording information of the broadcast program desired to be recorded by a user from the received EPG data and records the parsed reserve-recording information 25 on the reserve-recording list.

16. A method for reserve-recording a TV broadcast program comprising:

photographing a color code having broadcast program information;

5 reading EPG (Electronic Program Guide) data corresponding to the photographed color code from a EPG database;

parsing reserve-recording information of reserve-recording information of a broadcast program desired to be recorded by a user from the read EPG data;

recording the parsed reserve-recording information on a reserve-recording

10 list; and

displaying a message related to the reserve-recording information and the reserve-recording list on a screen.

17. The method of claim 16, wherein the reserve-recording

15 information of the broadcast program is a broadcast date and a broadcast time of the broadcast program.

18. The method of claim 16, wherein the step of reading the EPG data corresponding to the photographed color code comprises:

20 generating an address indicating the EPG data corresponding to the photographed color code; and

reading the EPG data corresponding to the generated address from the previously stored EPG database.